



Practitioner's Docket No. 13297.00019

CL0180

#4

PATENT

COMBINED DECLARATION AND POWER OF ATTORNEY

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,
CONTINUATION, OR C-I-P)

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

This declaration is for an original application.

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am an original, first and joint inventor of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

A PHYSICALLY-BASED, PROBABILISTIC MODEL FOR ULTRASONIC IMAGES
INCORPORATING SHAPE, MICROSTRUCTURE AND SYSTEM CHARACTERISTICS

SPECIFICATION IDENTIFICATION

The specification was filed on April 23, 2001, as Serial No. 09/840,629.

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, Section 1.56.

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) (35 U.S.C. Section 119(e))

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below:



PROVISIONAL APPLICATION NUMBER

60/199,418

FILING DATE

April 24, 2000

POWER OF ATTORNEY

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

APPOINTED PRACTITIONER(S)	REGISTRATION NUMBER(S)
Bruce D. George	43,631
Alfred W. Zaher	42,248
Janet E. Reed	36,252

I hereby appoint the practitioner(s) associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

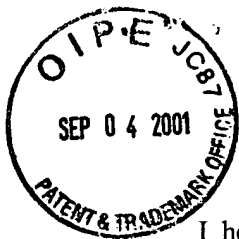
SEND CORRESPONDENCE TO

DIRECT TELEPHONE CALLS TO:

Bruce D. George
215-972-8387

Bruce D. George
Centre Square West
1500 Market Street, 38th Floor
Philadelphia, PA 19102-2186
US

Customer Number 28134



DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

Jason W. Trobaugh

Inventor's signature

Date 23 May 01

Residence St. Louis, MO

Post Office Address 7245 Balson Avenue, Apt. 1W, St. Louis, MO 63130
7346 Melrose Avenue

Country of Citizenship U.S.A.

R. Martin Arthur

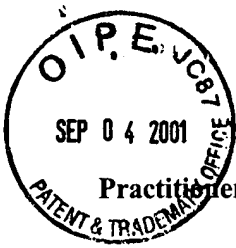
Inventor's signature

Date 23 MAY 01

Residence Manchester, MO

Post Office Address 519 Tenby Terrace, Manchester, MO 63011

Country of Citizenship U.S.A.



CL 0780

#4

Practitioner's Docket No. 13297.00019

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Trobaugh, Jason W.; Arthur, R. Martin

Application No.: 09/840,629

Filed on: April 23, 2001

Title: A PHYSICALLY-BASED, PROBABILISTIC MODEL FOR ULTRASONIC IMAGES INCORPORATING SHAPE, MICROSTRUCTURE AND SYSTEM CHARACTERISTICS

**STATEMENT CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) and 1.27(b))--NONPROFIT ORGANIZATION**

I hereby state that I am an official empowered to act on behalf of the nonprofit organization identified below:

Name of Nonprofit : Washington University

Address of Nonprofit : One Brookings Drive
MO, St. Louis 63130

TYPE OF NONPROFIT ORGANIZATION

University or Other Institution of Higher Education.

I hereby state that the nonprofit organization identified above qualifies as a nonprofit organization, as defined in 37 CFR 1.9(e), for purposes of paying reduced fees to the United States Patent and Trademark Office under Sections 41(a) and (b) of Title 35, United States Code, with regard to the invention described in the application identified above.

I hereby state that rights under contract or law have been conveyed to, and remain with, the nonprofit organization, with regard to the above identified invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 C.F.R. 1.9(c), if that person made the invention, or by any concern that would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e)

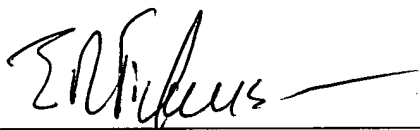
No such person, concern, or organization exists. I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on

which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Edward R. Fickenscher
Director of Business Development
Washington University
One Brookings Drive
St. Louis, MO 63130
U.S.A.

SIGNATURE



Date

1/25/01

Edward R. Fickenscher
Director of
Business Development